

PATENT – **PROPOSED** AMENDMENT AFTER FINAL
Response under 37 CFR 1.116
Expedited Procedure
Examining Group: 2874

IN THE CLAIMS:

1. (PROPOSED Amendment) A method of cooling an optical transceiver that is mountable in a wall opening, said method comprising the steps of:
providing an optical transceiver having at least one end portion that is insertable within the wall opening; and,
ventilating ambient air over a major surface portion of the optical transceiver by mounting the one end portion to the wall opening so that at least one vent is formed within confines of the wall opening which allows air to pass therethrough and over the major surface portion of the optical transceiver; further comprising the step of shielding the vent from electromagnetic interference.
2. (PROPOSED Amendment) The method of cooling as set forth in claim 1 further comprising the step of: shielding the optical transceiver, ~~the vent,~~ and the wall opening from electromagnetic interference.
3. (Original) The method of cooling as set forth in claim 2 further comprising the steps of: providing the optical transceiver with at least one connector port at the one end portion and providing the vent adjacent to and at least partially surrounding the connector port.
4. (Previously Presented) A method of cooling an optical transceiver that is mountable in a wall opening, said method comprising the steps of:
providing an optical transceiver having at least one end portion that is insertable within the wall opening; and, ventilating ambient air over a major surface portion of the optical transceiver by mounting the one end portion to the wall opening so that at least one vent is formed within confines of the wall opening which allows air to pass therethrough and over the major surface portion of the optical transceiver; shielding the optical transceiver, the vent, and

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the wall opening from electromagnetic interference; further comprising the steps of: providing the optical transceiver with at least one connector port at the one end portion and providing the vent adjacent to and at least partially surrounding the connector port; wherein said shielding step further comprises placing an electromagnetic screen assembly adjacent to and covering the vent.

5. (Original) A method of cooling a data transfer system in combination with an optical transceiver wherein the system includes a wall having a wall opening therein; said method includes the steps of:

providing an optical transceiver having at least one end portion that is insertable within the wall opening; and,

ventilating ambient air over a major surface portion of the optical transceiver by mounting the one end portion to the wall opening so that at least one vent is formed within confines of the wall opening which allows air to pass therethrough and over the transceiver, whereby the transceiver and internals of the data transfer system are cooled.

6. (Original) The method of cooling as set forth in claim 5 further comprising the step of:

shielding the optical transceiver end portion, the vent, and the wall opening from electromagnetic interference.

7. (Previously Presented) A method of cooling a data transfer system in combination with an optical transceiver wherein the system includes a wall having a wall opening therein; said method includes the steps of:

providing an optical transceiver having at least one end portion that is insertable within the wall opening; and,

ventilating ambient air over a major surface portion of the optical transceiver by mounting the one end portion to the wall opening so that at least one vent is formed within confines of the wall opening which allows air to pass therethrough and over the transceiver,

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whereby the transceiver and internals of the data transfer system are cooled; shielding the optical transceiver end portion, the vent, and the wall opening from electromagnetic interference; and wherein said shielding step further comprises the step of placing an electromagnetic interference screen assembly adjacent to and covering the vent.

8. (Original) A method of cooling a data transfer system in combination with an optical transceiver wherein the system includes a wall having a wall opening therein; said method includes the steps of:

providing an optical transceiver having at least one end portion that is insertable within the wall opening;

ventilating ambient air over a major surface portion of the optical transceiver by mounting the one end portion to the wall opening so that at least one vent is formed within confines of the wall opening which allows air to pass therethrough and over the transceiver;

shielding the optical transceiver end portion, the vent, and the wall opening from electromagnetic interference; said shielding step further comprises the step of placing an electromagnetic screen assembly adjacent to and covering the vent; and,

providing the optical transceiver with at least one connector port at the one end portion and providing the vent to be adjacent to and at least partially surrounding the connector port.